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JUL 03 2003

DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING  
1594 West North Temple - Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801  
Telephone: (801) 538-5291  
Fax: (801) 359-3940

Originally  
submitted  
4/8/03, but  
not accepted.  
msw  
7/3/03

ANNUAL REPORT OF MINING OPERATIONS

The informational requirements of this form are based on provisions of the Mined Land Reclamation Act, Title 40-8. Utah Code Annotated 1953, as amended, and the General Rules as promulgated under the Utah Minerals Regulatory Program. An operator conducting mining operations under a Notice of Intention must file an annual operations and progress report (FORM MR-AR) with the Division.

1. General Information

1. Report Time Period: From (mo./yr.) 1/2002 To (mo./yr.) 12/2002
  2. DOGM File Number (Mine No): M / 045 / 008
  3. Mine Name: Rowley Magnesium Facility
  4. Mineral(s) Mined (or permitted to mine): Oolites
  5. Type of mine ☒ Surface Mine or ☐ Underground Mine
  6. Legal Description (Location of Lands Affected):  
1/4, 1/4, 1/4, Section, Township, Range  
1/4, 1/4, 1/4, Section, Township, Range  
1/4, 1/4, 1/4, Section, Township, Range
  7. Name of Operator or Company: US Magnesium LLC
  8. Permanent Street Address: 238 North 2200 West  
City, State, Zip: Salt Lake City, Utah 84116  
Phone: 801-532-2043 Fax: 801-596-1132
  9. Company Representative (or designated operator):  
Name: Lee R. Brown  
Title: Vice President  
Business Address: 238 North 2200 West  
City, State, Zip: Salt Lake City, Utah 84116  
Phone: 801-532-2043 Fax: 801-596-1132
- ☒ Please check if any of the above information has changed since previous year.

II Mining and Reclamation

1. Was there any mine related activity during the past year? Yes ☐ No ☒
2. If no - what was the last year of activity? 1996
3. If yes - how much ore or mineral was mined? \_\_\_\_\_

4. Briefly describe the type of work performed, volume of material moved, and any new or additional surface disturbances that occurred during the past year.

None.

5. How much **additional acreage** was disturbed during the past year? None

6. How much acreage was **reclaimed** during the past year? None

7. Briefly describe the reclamation work performed during the past year. This description should include methods employed, and an evaluation of the results.

None

8. What is the **total disturbed acreage of entire** project at years end? 60 Acres\*

9. Briefly summarize any mining and/or reclamation plans for the upcoming year.

\* A site inspection was completed by UDOGM. The inspection identified approximately 60 acres disturbed area. Bids to complete this work have been taken by US Magnesium LLC. The additional disturbed acreage was not due to recent activity.

**NOTE:** Section III., "Additional Information" applies only to **large mining operations**.

III. Additional Information

1. The operator shall include an updated map depicting surface disturbance and reclamation performed during the year, prepared in accordance with Rule 647-4-105.
2. The operator shall keep and maintain timely records relating to his performance under the Act, and shall make these records available to the Division upon request.

IV. Signature Requirement

I hereby certify that the foregoing is true and correct.

Name (Typed or Print):

Title of Operator:

Signature of Operator:

Date:

Lee R. Brown

Vice President

*Lee R. Brown*  
4/8/03

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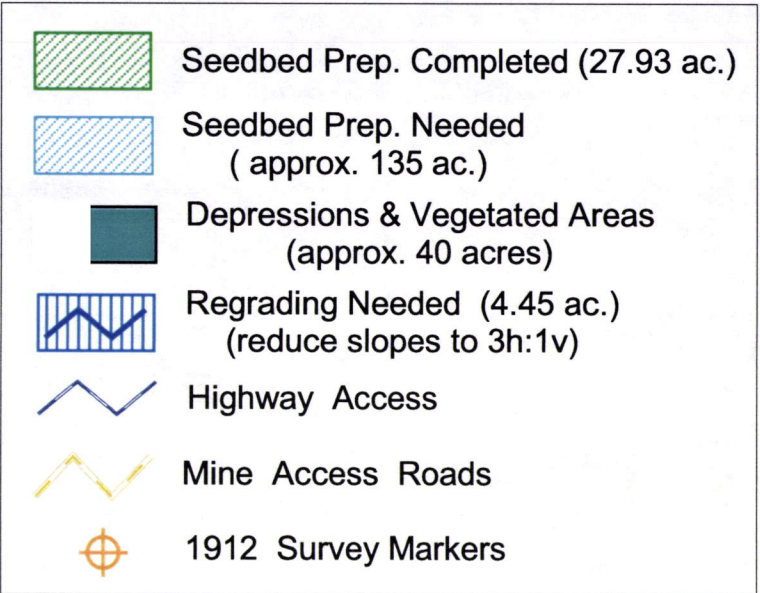
# US Magnesium LLC

## Stansbury/Rowley Mine

M/045/008

EXHIBIT A-1

Badger Island NW and Craner Peak Quads



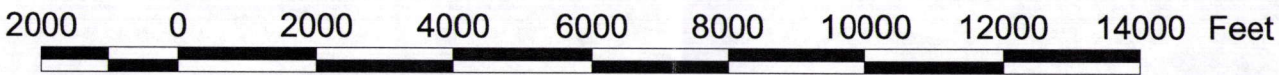
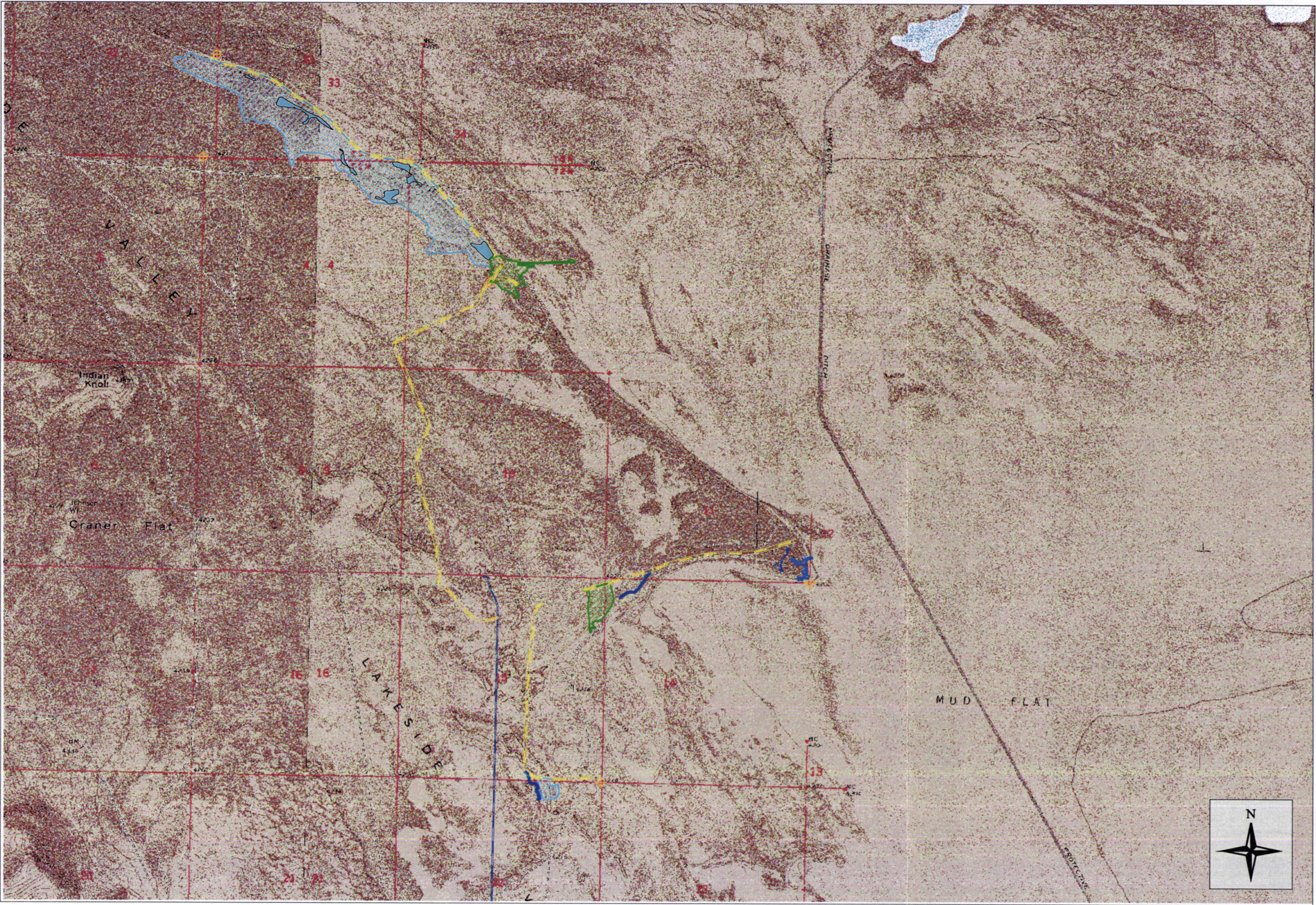
Disturbances shown in portions of :  
Township 3 North, Range 8 West, SLBM  
Sections 32 and 33  
AND  
Township 2 North, Range 8 West, SLBM  
Sections 3, 4, 11, 12, 13, 14, 15, & 22

Regrading and slope reduction needed.  
Reduce slopes to 3h:1v.  
Leave rough surface.

Seedbed Prep Needed  
Rip to 12" minimum depth  
3 feet maximum spacing between  
rippers, or spike harrow.

Timing  
Begin regrading and seedbed prep work  
no earlier than September 25, 2003,  
and finish no later than November 15, 2003.  
Contact OGM one week prior to starting.

This product may not meet DOGM standards  
for accuracy and content. Different  
Data sources and input scales may cause  
some misalignment of data layers.



Prepared 4-14-2003 by DOGM  
(Revised 6--24-2003 and 7-1-2003 w/6-10-03 data)








US Magnesium LLC  
Stansbury/Rowley Mine  
M/045/008

EXHIBIT A-2

Badger Island NW and Craner Peak Quads

North Area

-  Seedbed Prep. Completed (15.78 ac.)
-  Seedbed Prep. Needed (approx. 130 ac.)
-  Depressions & Vegetated Areas (approx. 40 acres)
-  Mine Access Roads
-  1912 Survey Markers

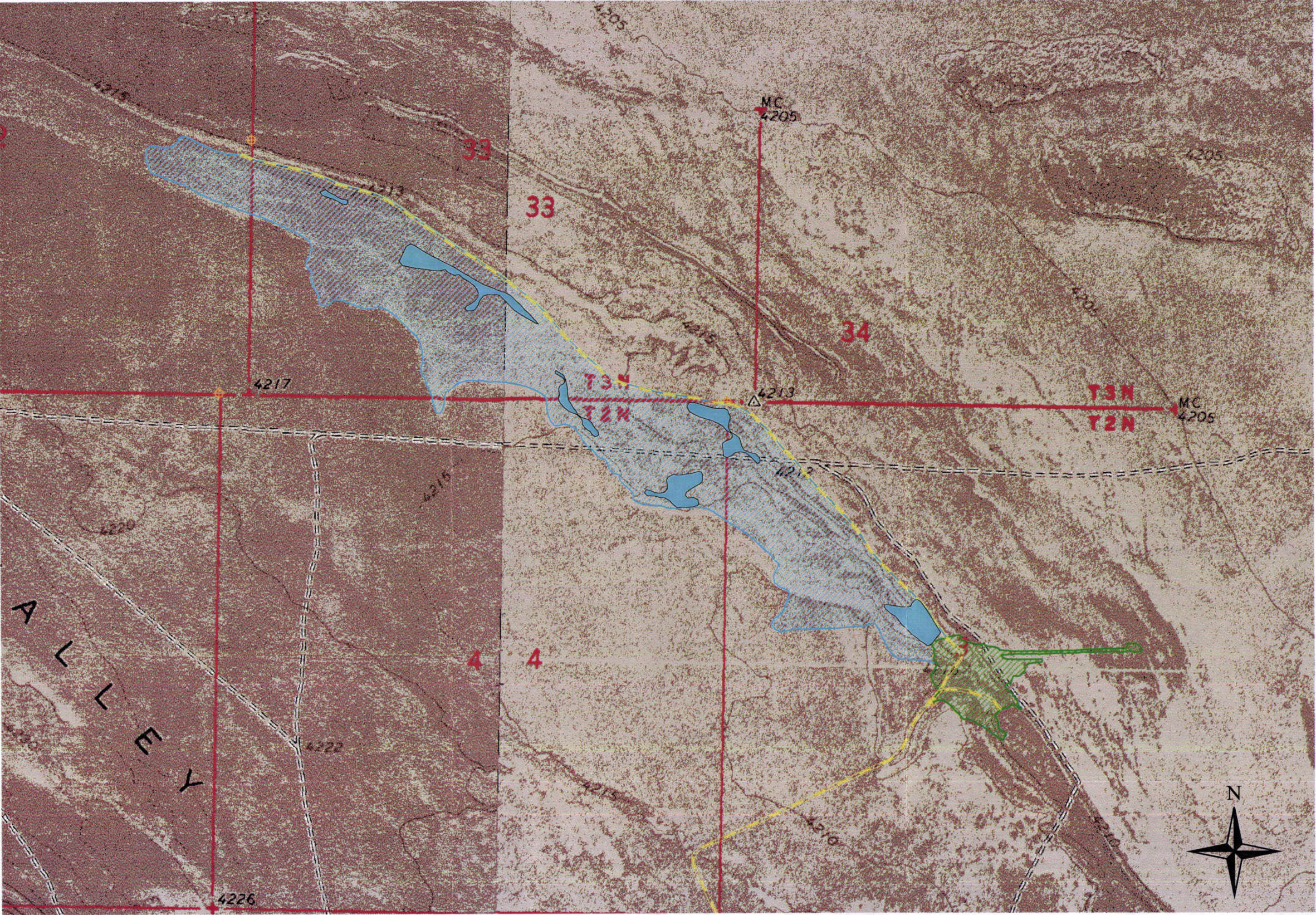
Disturbances shown in portions of :  
Township 3 North, Range 8 West, SLBM  
Sections 32 and 33  
AND  
Township 2 North, Range 8 West, SLBM  
Sections 3, and 4

Regrading and slope reduction needed.  
Reduce slopes to 3h:1v.  
Leave rough surface.

Seedbed prep needed.  
Rip to 12" minimum depth.  
3 foot maximum spacing between  
rippers, or spike harrow.

Timing  
Begin grading and seedbed prep work  
no earlier than September 25, 2003,  
and finish no later than November 15, 2003.  
Contact OGM one week prior to starting.

This product may not meet DOGM standards  
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2000 0 2000 4000 Feet

Prepared 4-14-2003 by DOGM  
(Revised 6-24-2003 and 7-1-2003 w/6-10-03 data)

100516









US Magnesium LLC  
Stansbury/Rowley Mine  
M/045/008

EXHIBIT A-3

Badger Island NW and Craner Peak Quads

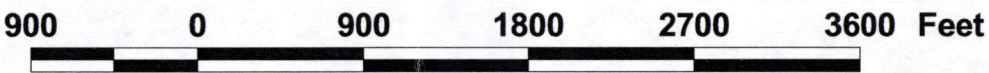
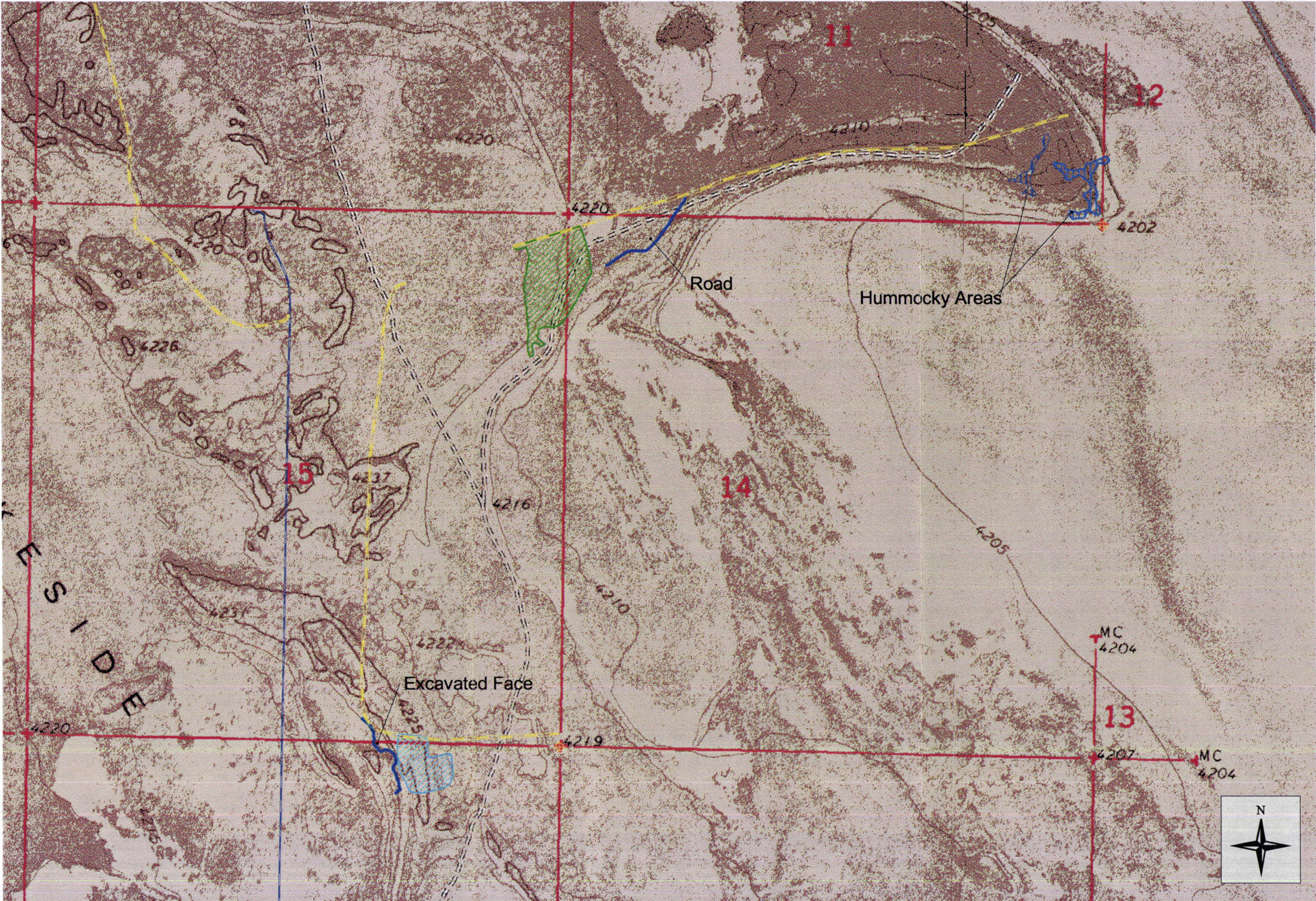
South Area

-  Regraded (12.15 ac.)
-  Seedbed Prep. Needed (5.28 ac.)
-  Regrading Needed (4.45 ac.)
-  Highway Access
-  Mine Access Roads
-  1912 Survey Markers

Disturbances shown in portions of :  
Township 2 North, Range 8 West, SLBM  
Sections 11, 12, 14, 15, & 22

- Regrading and Slope Reduction Needed - -  
Reduce slopes to 3h:1v.  
Leave rough surface.
- Seedbed Prep. Needed - -  
Rip to 12" depth - maximum  
spacing of 3 feet between rippers,  
or spike harrow.
- Timing - -  
Begin regrading and seedbed prep work  
no earlier than September 25, 2003.  
Complete regrading and seedbed prep  
work by November 15, 2003.  
Contact OGM one week prior to starting.

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Prepared 4-14-2003 by DOGM  
Revised 7-1-2003